

## CLAIMS

What is claimed is:

1. A fiber for artificial hair comprising a plastically deformable filament (A) comprising a thermoplastic resin which has a restoration angle of not more than 30 degrees after 10 minutes from bending the filament at 90 degrees.
2. A fiber for artificial hair comprising a plastically deformable filament (A) comprising a thermoplastic resin with a shape retention of not less than 30% when the filament is wound ten times on a cylindrical collar having a diameter of 10 mm and allowed to stand for 10 minutes, and the filament is removed from the cylindrical collar and allowed to stand for 5 minutes.
3. The fiber for artificial hair according to claim 1 or 2, wherein the plastically deformable filament (A) comprising the thermoplastic resin is a filament mainly composed of polyolefin.
4. The fiber for artificial hair according to claim 1 or 2, wherein the plastically deformable filament (A) comprising the thermoplastic resin is a filament mainly composed of an ethylene based polymer or a propylene based polymer.
5. The fiber for artificial hair according to any one of claims 1 to 4, wherein a fiber diameter of the plastically deformable filament (A) comprising the thermoplastic resin is from 30 to 500  $\mu\text{m}$ .
6. The fiber for artificial hair according to claim 5, wherein the plastically deformable filament (A) comprising the thermoplastic resin is colored.

7. Periwigs, wigs, doll hair, hair accessories, eyelashes or beards using the fiber for artificial hair as described in any one of claims 1 to 6.